

							Communication & Networks						
HP3-a	HP3-b	HP4-a	HP4-b	HP4-c	HP5-a	HP5-b	CN1-a	CN1-b	CN1-c	CN2-a	CN2-b	CN3-a	CN3-b
Knows that computers collect data from various input devices, including sensors and application software. (PR)	Understands the difference between hardware and application software, and their roles within a computer system. (PR) (DL)	Understands why and when computers are used. (DL)	Understands the main functions of the operating system. (DL)	Knows the difference between physical, wireless and mobile networks. (IS)	Recognises and understands the function of the main internal parts of basic computer architecture. (DL)	Knows that there is a range of operating systems and application software for the same hardware. (DL)	Finds content from the world wide web using a web browser. (IS) (DL)	Understands the importance of communicating safely and respectfully online, and the need for keeping personal information private. (OS) (IS)	Knows what to do when concerned about content or being contacted. (OS)	Navigates the web and can carry out simple web searches to collect digital content. (IS) (DL)	Demonstrates use of computers safely and responsibly, knowing a range of ways to report unacceptable content and contact when online. (OS) (IS)	Understands the difference between the internet and internet service e.g. world wide web. (IS)	Shows an awareness of, and can use a range of internet services e.g. VOIP, online document editing, video etc. (IS)
X							X			X			
	X	X		X			X			X	X	X	X
		X					X	X					X
		X						X			X		
								X			X		
								X			X		
								X			X		

IT3-a	IT3-b	IT3-c	IT4-a	IT4-b	IT4-c	IT4-d	IT5-a	IT6-a	IT6-b
Collects, organises and presents data and information in digital content. (DL)	Creates digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. blogging. (DL)	Makes appropriate improvements to digital content based on feedback received, and can comment on the success of the solution. (DL)	Makes judgements about digital content when evaluating and repurposing it for a given audience. (DL)	Recognises the audience when designing and creating digital content. (DL)	Understands the potential of information technology for collaboration when computers are networked. (DL) (IS)	Uses criteria to evaluate the quality of solutions, can identify improvements making some refinements to the solution, and future solutions. (DL)	Evaluates the appropriateness of digital devices, internet services and application software to achieve given goals. (IS) (DL)	Justifies the choice of and independently combines and uses multiple digital devices, internet services and application software to achieve given goals. (DL)	Evaluates the trustworthiness of digital content and considers the usability of visual design features when designing and creating digital artifacts for a known audience. (IS) (DL)
X									
X									
X									
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		X		X					
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X	X	X	X	X		X	?	?	?
X	X	X	X	X		X	?	?	?
X	X	X	X	X		X	?	?	?